



HEARTH PRODUCTS

HEARTH PRODUCTS
KITS AND ACCESSORIES

P/N 506019-64, Rev. B
10/2010

REFRACTORY BRICK PANELS

INSTRUCTIONS FOR INSTALLING REFRACTORY BRICK PANELS IN ESTATE™ SERIES WOOD-BURNING FIREPLACES (MODELS EST-36, EST-42, EST-50)

DAVE LENNOX
signature
COLLECTION

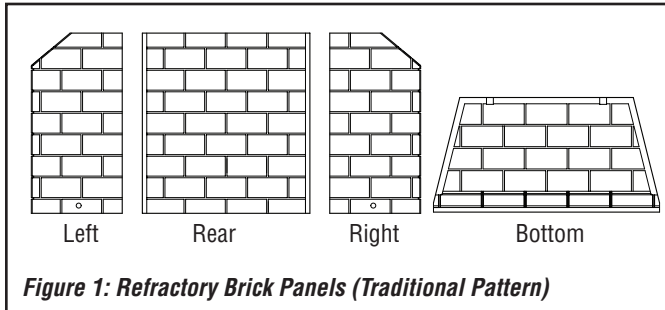


Figure 1: Refractory Brick Panels (Traditional Pattern)

KIT CONTENTS

- (1) ea. Left Side Refractory Panel
- (1) ea. Right Side Refractory Panel
- (1) ea. Back Refractory Panel
- (1) ea. Bottom Refractory Panel

The following items, required for this installation, are packaged in the fireplace literature kit bag:

- (2) ea. Grate Brackets
- (2) ea. Refractory Brackets (EST-36 and EST-42 only)

REQUIRED TOOLS

- Box Cutters or Scissors
- 1/4" Nut Driver
- Phillips Screwdriver
- Large Flathead Screwdriver

GENERAL INFORMATION

This kit contains four refractory brick panels (two sides, one back, one bottom) and instructions for their installation in Lennox Hearth Products Estate™ Series wood-burning fireplaces, models EST-36, EST-42, and EST-50.



Estate™ Series Model EST-42 with Installed Refractory Brick Panels
(Traditional Pattern)

INSTALLATION INSTRUCTIONS

INSTALLER NOTICE:

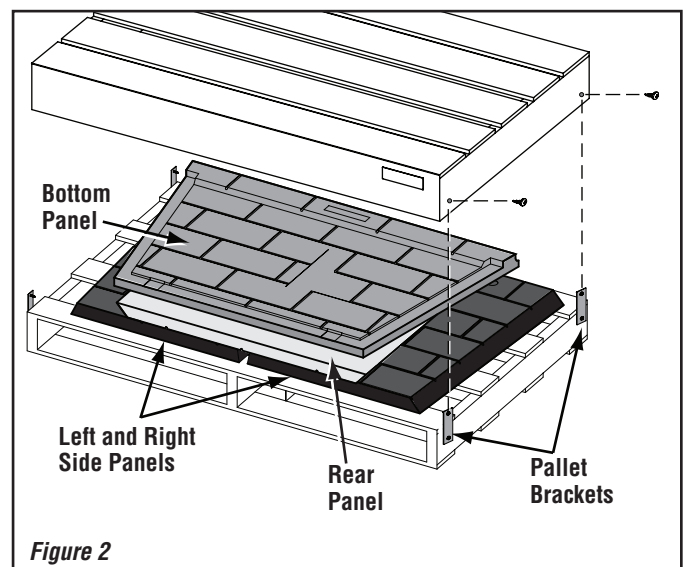
- READ ALL THE STEPS BEFORE STARTING THE INSTALLATION.
- THESE INSTRUCTIONS MUST BE LEFT WITH THE APPLIANCE.
- ALL WARNINGS, PRECAUTIONS, AND INSTRUCTIONS IN THE INSTALLATION INSTRUCTIONS AND CARE AND OPERATION MANUALS PROVIDED WITH THE APPLIANCE ALSO APPLY TO THESE INSTRUCTIONS.
- IF YOU ENCOUNTER ANY PROBLEMS, NEED CLARIFICATION OF THESE INSTRUCTIONS, OR ARE NOT QUALIFIED TO PROPERLY INSTALL THIS KIT, CONTACT YOUR LOCAL DISTRIBUTOR OR DEALER.



Step 1. Uncrate refractory panels.

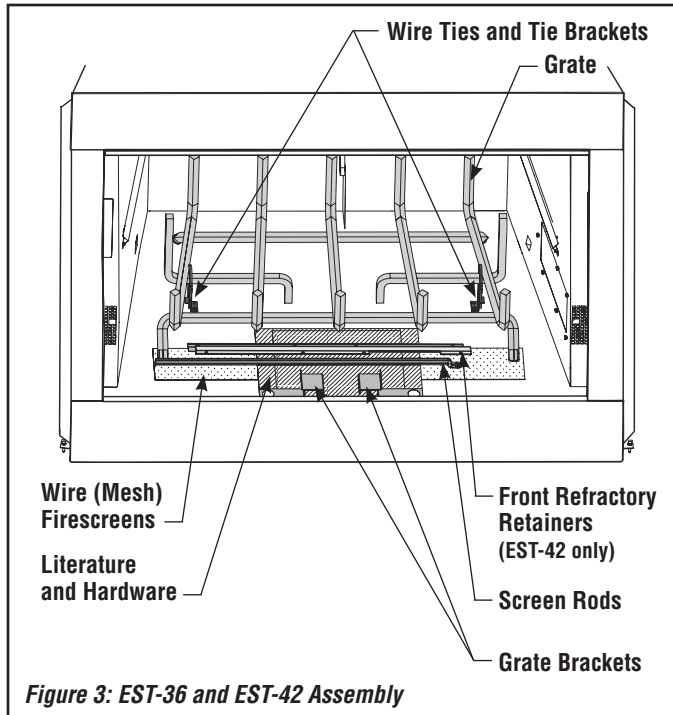
1.1. See **Figure 2**, below. Remove screws from metal pallet brackets on outside of pallet assembly.

1.2. Remove top part of pallet assembly.



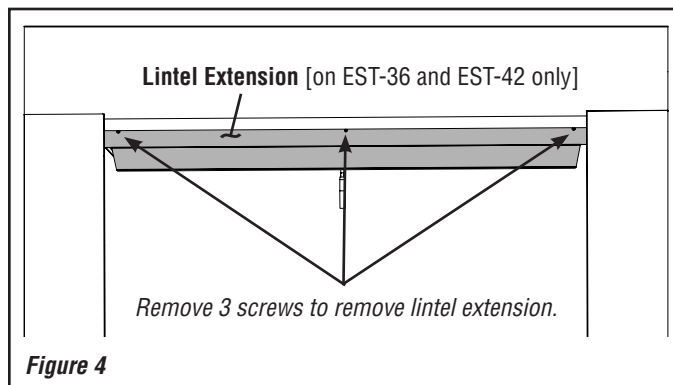
Step 2. [EST-36/EST-42] Remove packed items from firebox.

- 2.1. Refer to **Figure 3, below**. Remove all items packed under the grate; set aside for later installation.
- 2.2. Cut the two **wire ties** holding the grate to the firebox floor, and discard the ties.
- 2.3. Remove the grate; set aside for later installation.
- 2.4. Using a 1/4" nut driver, remove the two **tie brackets** from the firebox floor, and discard the **tie brackets**.

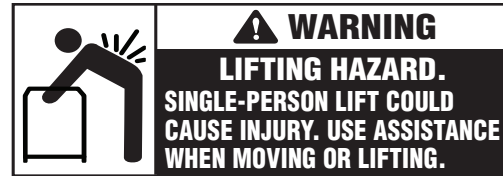


Step 3. [EST-36/EST-42] Remove lintel extension.

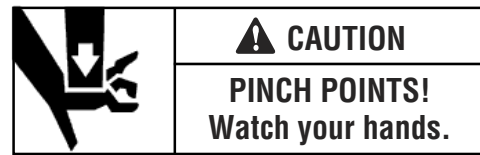
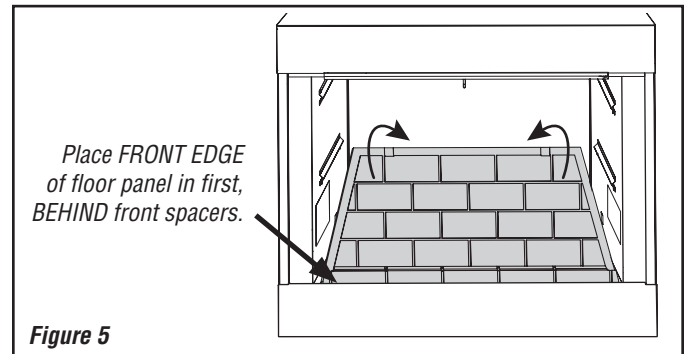
- 3.1. See **Figure 4, below**. Using a 1/4" nut driver, remove the lintel extension by removing three screws.
- 3.2. Retain the lintel extension and screws for later reinstallation.



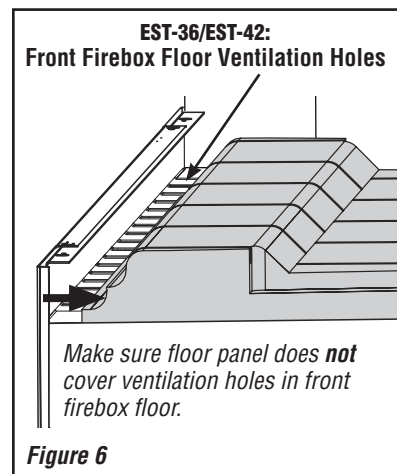
Step 4. Install bottom (floor) refractory panel.



- 4.1. Using at least two (2) people, hold the bottom (floor) panel by its **SIDE EDGES**.
- 4.2. Place the **FRONT EDGE** of floor panel into the firebox first, behind the front firebox spacers (**Figure 5, below**).



- 4.3. Carefully lower the **BACK EDGE** of the panel. When it is close to the rear firebox wall, let go of the panel to drop it into position, **taking care not to pinch your fingers between the panel and the firebox**.
- 4.4. **EST-36/EST-42:** Push the floor panel as far back as it will go, so the front edge is **BEHIND** the front firebox spacers and **NOT** covering the front floor ventilation holes (**Figure 6, below**).
- 4.5. **ALL MODELS:** Insert a large flat screwdriver between the floor panel and the firebox wall to center the floor panel (**Figure 7, below**).



Step 5. Install grate brackets and rear panel.

- 5.1. Refer to **Figure 8, below**. Place the two grate brackets in the indentations in the back recessed edge of the floor panel.

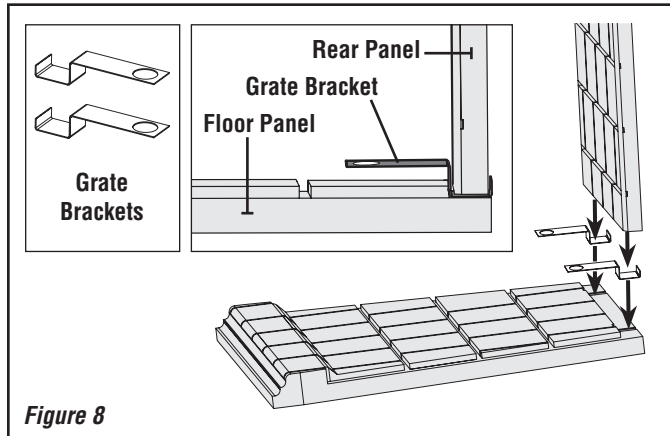


Figure 8

- 5.2. **Using at least two (2) people**, hold the rear panel by the side edges, with the **top edge up** (**Figure 9, below**).

NOTE: The top edge of the rear panel is marked "TOP."

- 5.3. Place the **BOTTOM EDGE** of the rear panel on top of the two grate brackets (as shown in **Figure 8, above**) and push the rear panel back against the rear wall of the firebox.

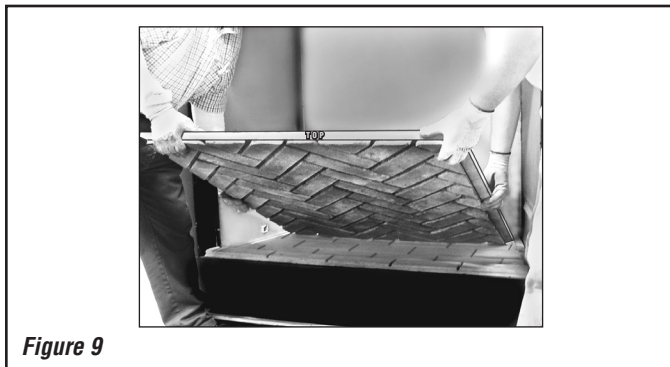


Figure 9

- 5.4. **EST-36/EST-42:** Refer to **Figure 10, below**. Rotate the rear spacer bracket 90° **COUNTER-CLOCKWISE**, and then push the rear panel flat against the rear wall of firebox.

- 5.5. **EST-36/EST-42:** Temporarily secure the rear panel with one of the supplied refractory clips and a screw.

NOTE: The rear clip will be used only temporarily, to hold the rear panel in place while installing the side panels.

EST-50: Snap the top of the panel into the factory-installed bracket on the rear firebox wall.

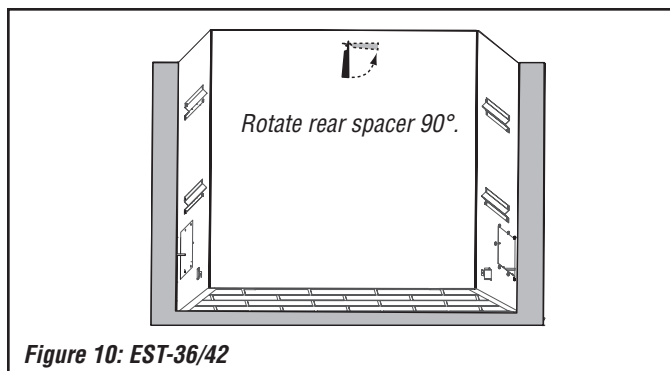


Figure 10: EST-36/42

Step 6. Identify side panels.

- 6.1. Identify the **LEFT** and **RIGHT SIDE** refractory panels, as shown in **Figure 11, below**.

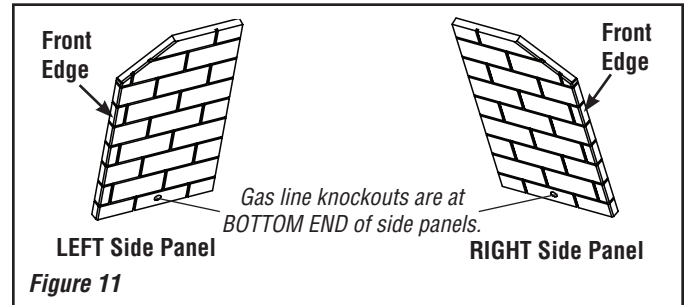


Figure 11

Step 7. [EST-50] Install side panels.

- 7.1. Refer to **Figure 12, at right**. Insert the **LOWER edge** first; then push the panel up against the firebox wall.

- 7.2. Pull the side panel **FORWARD**, until it is sitting flush with the **FRONT** edge of the firebox wall and flush with the floor panel.

- 7.3. Snap the top of the panel into the factory-installed bracket on the firebox wall.

- 7.4. Repeat these steps for the other side panel; then **skip to Step 9**.

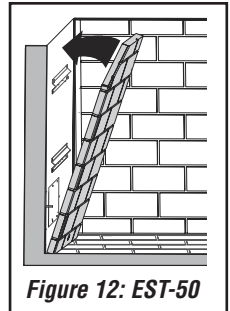


Figure 12: EST-50

Step 8. [EST-36/42] Install side panels.

- 8.1. Refer to **Figure 13, at right**. With the back surface of the panel facing the front of the firebox, insert the back edge of the panel first, then "swing" it to the side wall.

- 8.2. Pull the side panel **FORWARD**, until it is sitting flush with the **FRONT** edge of the firebox wall and flush with the floor panel.

- 8.3. Using a 1/4" nut driver, secure the top of the side panel in place by screwing the remaining refractory clip into the firewall.

NOTE: The other refractory clip must remain holding the rear panel in place until the second side panel is installed.

- 8.4. Repeat **steps 8.1** and **8.2** for the second side panel.

- 8.5. Remove the refractory clip temporarily holding the rear panel in place, and install it on the side wall to secure the second side panel.

- 8.6. Pull the top of the rear panel forward, so it is flush against the back edges of the side panels (**Figure 14, below**). This allows air to circulate behind the rear panel.

- 8.7. Rotate the rear spacer bracket 90° **CLOCKWISE**, to a **VERTICAL** position behind the rear refractory panel (see **Figure 14, below**, also refer to **Figure 10, at left**).

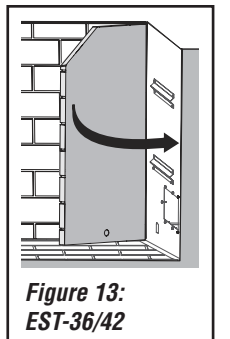


Figure 13: EST-36/42

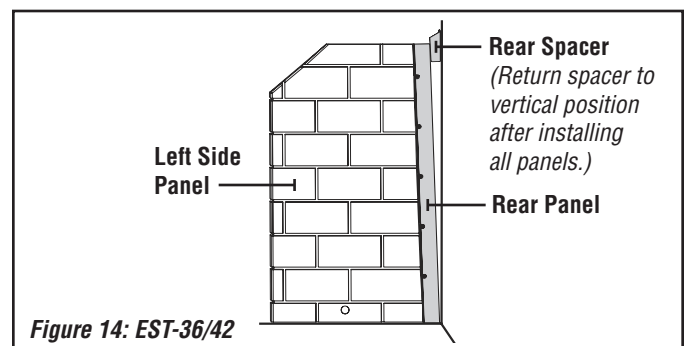


Figure 14: EST-36/42

Step 9. Install grate.

- 9.1. Install the grate by inserting the two rear legs into the holes in the grate brackets. See **Figure 15, below**.

NOTE: The rear legs are spaced closer together than the front.

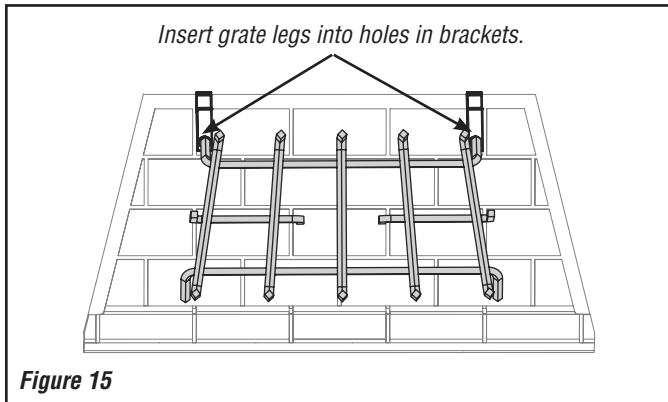


Figure 15

Step 10. [EST-36/EST-42] Reinstall lintel extension.

- 10.1. Refer to **Figure 16, below**. Reinstall the lintel extension using the three (3) screws previously removed.

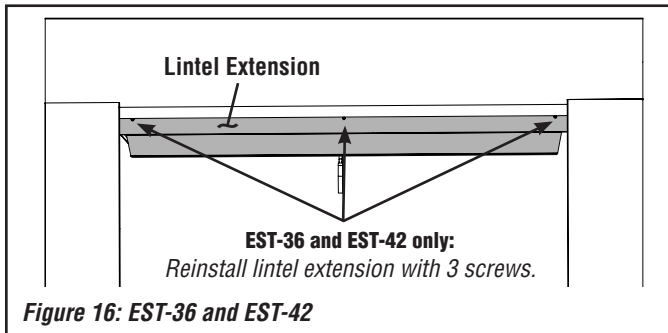


Figure 16: EST-36 and EST-42

Step 11. [EST-42] Install front refractory retainers.

- 11.1. Refer to **Figure 17, below**. Install the two front refractory retainers as shown in Figure 17, below. Note that the retainer for the LEFT side of the firebox is NOTCHED.

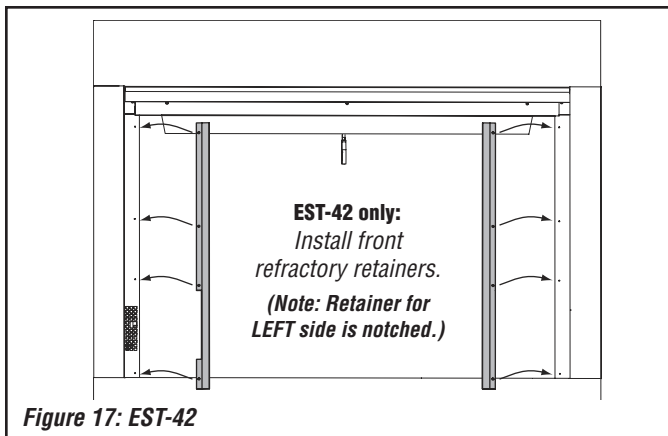


Figure 17: EST-42

Step 12. Install mesh firescreens.

- 12.1. Place one of the provided screen rods through the loops at the top of one of the provided mesh firescreens.
- 12.2. Insert the straight end of the rod into the hole inside one end of the lintel, as shown in **Figure 18, below**.
- 12.3. Using a 1/4" nut driver and one of the provided screws, attach the other end of the rod to the top inside of the lintel, as shown in **Figure 18, below**.
- 12.4. Repeat these steps for the other rod and firescreen.

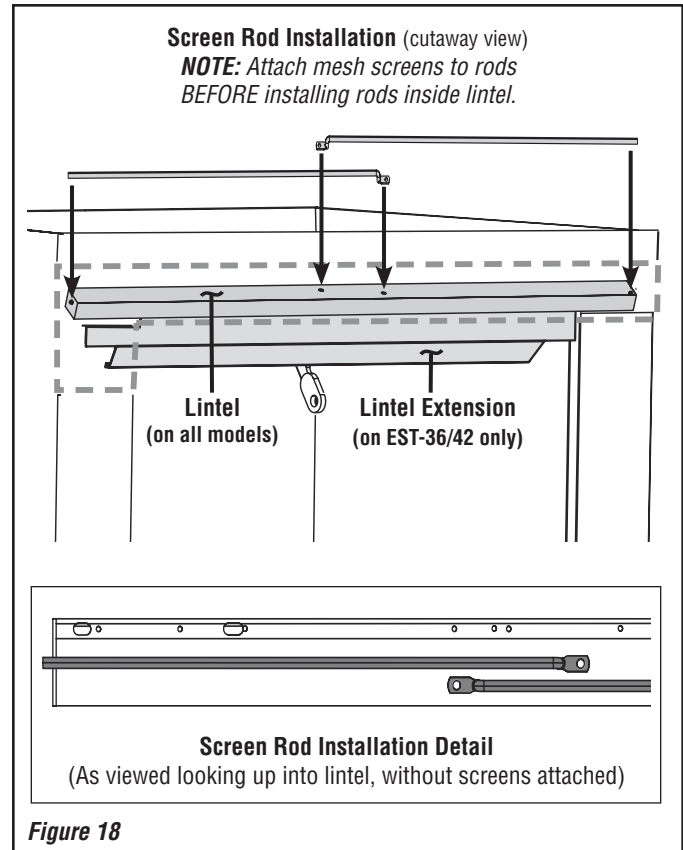


Figure 18

Step 13. Install optional bi-fold glass doors.

Optional bi-fold glass doors can be installed in front of the firescreens. For information, see the "Accessories" section in the fireplace *Care and Operation* manual (P/N 506025-04).

NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.

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P/N 506019-64 REV. B 10/2010

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